

### Claims

1. An inorganic porous body comprising a porous bone structure with open pores formed therein and particles for dispersion exposing to wall surfaces of said porous bone structure facing said open pores, wherein said porous bone structure is generated by sol-gel transition accompanied by phase transition.

2. The inorganic porous body of claim 1, wherein said open pores have a diameter of 100 nm or larger.

3. The inorganic porous body of claim 1 or 2, wherein said particles for dispersion comprise one or more material selected from the group consisting of a metal oxide, a metal, an organic polymer and the composite thereof.

4. The inorganic porous body of any one of claims 1 to 3, wherein said particles for dispersion have a mean particle diameter of 5 nm or larger and 100  $\mu$ m or smaller.

5. The inorganic porous body of any one of claims 1 to 4, wherein said inorganic material comprises a metal oxide.

6. The inorganic porous body of any one of claims 1 to 5, wherein said particles for dispersion have an average aspect ratio of 1.5 or smaller.